

Message Text

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64

ACTION ACDA-10

INFO OCT-01 ISO-00 AF-08 ARA-06 CIAE-00 DODE-00 EA-07

EUR-12 PM-04 H-02 INR-07 IO-13 L-03 NASA-01 NEA-10

NSAE-00 NSC-05 OIC-02 SP-02 PA-01 PRS-01 OES-06 SS-15

USIA-06 SAJ-01 EB-07 INT-05 /135 W

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R 051530Z AUG 76

FM USMISSION GENEVA

TO SECSTATE WASHDC 1724

INFO AMEMBASSY BONN

AMEMBASSY LONDON

AMEMBASSY MOSCOW

AMEMBASSY THE HAGUE

AMEMBASSY ROME

AMEMBASSY STOCKHOLM

AMEMBASSY TOKYO

USMISSION NATO

ERDA HQ WASHDC

ERDA GERMANTOWN

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E.O. 11652: N/A

TAGS: PARM, CCD

SUBJECT: CCD - FIFTH MEETING OF SEISMIC EXPERTS' GROUP, AUGUST
5, 1976

1. FIFTH MEETING OF SEISMIC EXPERTS' GROUP HELD 10:00 AM
AUGUST 5. DISCUSSION CONTINUED ON THE SCHEDULE OF ACTIVITIES.
THERE WAS A GENERAL OPINION THAT THE WORK COULD BE CARRIED OUT
FASTER THAN PROPOSED IN THE SWEDISH WORKING PAPER. IT WAS AGREED,
HOWEVER, THAT THIS SWEDISH PROPOSAL WOULD SERVE AS A TENTATIVE
SCHEDULE TO BE RECONSIDERED AT SUBSEQUENT MEETINGS. IT WAS AGREED
THAT NEXT ROUND OF MEETINGS WOULD BE HELD WEEK OF OCTOBER 11, 1976,
IN GENEVA. THE WORK TO
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BE CARRIED OUT BE DESIGNATED EXPERTS FOR REVIEW DURING NEXT ROUND

IS THAT DESCRIBED IN THE FOLLOWING SUBCHAPTERS OF THE TABLE OF CONTENTS (FORMERLY DRAFT INDEX) (SEE PARA 2): 2.D), 3.A), 3.B), 3.C), 4.B), 5.A), 6.A). SUBCHAPTERS 3.B) AND 3.C) WERE ASSIGNED TO FILSON, ASSISTED BY BASHAM, ISRAELSSON, NOPONEN, RINGDAL AND THIRLAWAY. NEXT MEETING OF EXPERTS' GROUP IS 10:00 AM AUGUST 6 TO CONSIDER PROGRESS REPORT TO THE CCD.

2. THE AGREED TABLE OF CONTENTS (FORMERLY DRAFT INDEX) READS AS FOLLOWS:

BEGIN TEXT

TABLE OF CONTENTS TO THE FINAL REPORT OF THE AD HOC GROUP OF SCIENTIFIC EXPERTS TO CONSIDER INTERNATIONAL CO-OPERATIVE MEASURES TO DETECT AND TO IDENTIFY SEISMIC EVENTS

1) SUMMARY

2) INTRODUCTION

- A) TERMS OF REFERENCE AS ESTABLISHED BY THE CCD
- B) ORGANIZATION AND COMPOSITION OF THE EXPERT GROUP
- C) PROGRAMME AND METHOD OF WORK
- D) REVIEW OF EARLIER RELEVANT STUDIES

3) DATA AND PROCEDURES TO BE USED FOR DETECTION AND LOCATION OF SEISMIC EVENTS AND FOR OBTAINING IDENTIFICATION PARAMETERS

- A) DATA AND PROCEDURES FOR DETECTION AND LOCATION OF SEISMIC EVENTS BY A NETWORK OF SEISMOLOGICAL ARRAY AND SINGLE STATIONS
- B) DATA AND PROCEDURES FOR OBTAINING IDENTIFICATION PARAMETERS OF SEISMIC EVENTS AT INDIVIDUAL STATIONS
- C) DATA AND PROCEDURES FOR OBTAINING IDENTIFICATION PARAMETERS OF SEISMIC EVENTS FROM NETWORKS OF STATIONS

4) SELECTION OF SEISMOGRAPHIC STATIONS FOR A GLOBAL NETWORK

- A) TECHNICAL DESCRIPTION OF EXISTING STATIONS OF POTENTIAL INTEREST FOR THE NETWORK
- B) DATA PRODUCED AT THESE STATIONS AND PRESENT STATION CAPABILITIES
- C) ADDITIONAL DATA REQUIRED FROM EXISTING STATIONS
- D) DESIRABLE NEW SEISMOGRAPHIC STATIONS
- E) SPECIFICATION OF A GLOBAL NETWORK

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5) DATA EXCHANGE BETWEEN SELECTED STATIONS AND DATA CENTRES

- A) DESCRIPTION OF EXISTING DATA EXCHANGE FACILITIES
- B) DATA TO BE EXCHANGED
- C) TIMESCALE, DATA FORMAT AND DATA CHANNELS TO BE USED FOR THE MONITORING NETWORK

6) DATA CENTRES FOR DETECTION AND LOCATION OF SEISMIC EVENTS

AND FOR REDUCTION OF IDENTIFICATION PARAMETERS

- A) DESCRIPTION OF EXISTING DATA CENTRES
- B) TASKS AND WORK TO BE CARRIED OUT AT DATA CENTRES OF A MONITORING NETWORK
- C) PROCEDURES TO BE USED AT DATA CENTRES FOR THE DETECTION AND LOCATION OF SEISMIC EVENTS, FOR THE COLLATION AND REDUCTION OF IDENTIFICATION PARAMETERS AND FOR DISSEMINATION OF THESE DATA
- D) THE QUESTION OF ONE OR MORE DATA CENTRES FOR THE MONITORING NETWORK

7) ESTIMATED COST TO ESTABLISH AND OPERATE THE SPECIFIED MONITORING SYSTEM

- A) COSTS IN MONEY AND MANPOWER TO OPERATE SELECTED STATIONS, TO MAKE NECESSARY MODIFICATIONS OF EXISTING STATIONS AND TO ESTABLISH ADDITIONAL NEW STATIONS
- B) COSTS FOR TRANSMITTING DATA BETWEEN STATIONS AND DATA CENTRES
- C) COSTS IN MONEY AND MANPOWER TO ESTABLISH PROPOSED DATA CENTRES AND TO OPERATE EXISTING AND PROPOSED DATA CENTRES

8) ESTIMATED CAPABILITY OF THE SPECIFIED MONITORING SYSTEM

- A) ESTIMATED GLOBAL DETECTION CAPABILITY FOR SEISMIC EVENTS
- B) ESTIMATED GLOBAL LOCATION CAPABILITY FOR SEISMIC EVENTS
- C) ESTIMATED GLOBAL CAPABILITY TO OBTAIN IDENTIFICATION PARAMETERS FOR SEISMIC EVENTS

9) PROPOSAL FOR EXPERIMENTAL EXERCISES

- A) PURPOSE OF EXPERIMENTAL EXERCISES
- B) STATIONS, DATA EXCHANGE FACILITIES AND DATA CENTRES WHICH COULD BE USED
- C) DATA TO BE EXCHANGED AND TIME PERIOD OF THE EXERCISES
- D) THE ESTIMATED COST OF THE PROPOSED EXERCISES

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- E) CO-ORDINATION AND EVALUATION OF THE EXPERIMENTAL EXERCISES

APPENDIX: THE PROBLEMS WITH ESTIMATION OF YIELD FROM SEISMIC SIGNALS

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